

Abstract Of The Disclosure

A valve actuator for actuating a gas exchange valve of an internal combustion engine, having a sleeve-shaped positioning piston, which is connected to a valve shaft, having at least two shell-shaped wedge parts, enclosing a shaft end of the valve shaft, on whose radial outer peripheral surface a section shaped like a conical casing is implemented and which are axially connected on their inner side to the shaft end in a form-locked and rotatable manner, the valve actuator having a separate threaded sleeve, which has a threaded connection to the positioning piston or a component connected to the positioning piston and also axially clamps the wedge parts to a conical clamp sleeve via their section shaped like a conical casing.